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MONTANA OIL AND GAS STATISTICAL BULLETIN

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Vol. XXII, No. 6 **June, 1974**

Production of crude oil and condensate from the oil and gas areas of Montana for the month of June, 1974, averaged 94,631 barrels daily, a decrease of 2,446 barrels from the average 97,077 production in May.

The nine refineries in the state processed 141,747 barrels of crude oil daily for the month of June, 1974, an increase of 19,636 barrels from the 122,111 barrels processed daily during the month of May.

During June, 32 wells were completed, 3 oil, 7 gas and 22 dry holes.

During June, the Board issued 95 permits to drill new wells, a decrease of 18 from the 113 permits issued during May.

SUMMARY OF CRUDE PRODUCTION, REFINING, STORAGE, ETC., IN MONTANA

MONTH OF JUNE, 1974

IN STORAGE JUNE 1st	
By Producers	343,604
By Transporters	1,472,087
By Refiners	1,250,362
TOTAL STORAGE	3,066,053
Produced in Montana During Month	2,838,919
Imported During Month	3,460,336
TOTAL	9,365,308
DISPOSITION:	
Refined in Montana	4,252,435
Exported	2,121,363
Used for Fuel or Lost	5,306
TOTAL	6,379,104
IN STORAGE JUNE 30th	
By Producers	347,688
By Transporters	1,287,735
By Refiners	1,350,781
TOTAL STORAGE	2,986,204

NATURAL AND ASSOCIATED GAS WITHDRAWALS IN MONTANA

Month of June, 1974

Field	M. C. Ft.
NATURAL:	
Big Coulee	39,531
Black Coulee	17,942
Blackjack	—0—
Bowdoin	395,073
Bowes	24,110
Cedar Creek	122,302
Cut Bank (including Reagan)	250,915
Dry Creek	20,397
Ethridge	11,569
Flat Coulee	299
Grandview	8,199
Hardin	2,716
Keith Block	58,440
Kevin Sunburst	29,570
Kicking Horse	7,359
Lake Basin	9,082
Liscom Creek	51,835
Middle Butte	976
Mt. Lilly	—0—
Plevna	4,962
South Devon	17,108
Shepard	154,241
Tiger Ridge	1,636,265
Trail Creek	—0—
Utopia	—0—
West Butte	—0—
Whitlash	9,152
ASSOCIATED:	
Bell Creek	49,788
Brush Lake	296
Cabin Creek	60,353
Elk Basin	38,790
Fairview	49,738
Fred & George Creek	2,560
Pine	51,149
Richland	54,452
Tule Creek	13,108
TOTAL	3,192,277

Total Withdrawals for June, 1973, were 3,931,234

PRODUCERS REPORT — MONTH OF JUNE, 1974

Leases	Field	No. of Wells	Storage First of Month	Oil Produced	Oil Shipped By		Used or Lost	Storage End of Month
					Pipeline	Truck		
3	Ash Creek	3	45	757	----	778	----	24
1	Bainville	1	2,197	2,245	----	2,465	----	1,977
3	Bannatyne	3	----	881	881	----	----	----
4	Bear's Den	5	1,415	731	----	817	----	1,329
17	Bell Creek	229	24,613	749,018	749,628	----	27	23,976
1	Benrud	1	557	504	----	612	----	449
3	Benrud East	3	2,110	11,422	----	11,620	----	1,912
1	Benrud Northeast	1	826	1,573	----	1,481	----	918
1	Berthelote	1	317	163	----	----	----	480
4	Big Wall	15	1,336	4,002	3,778	----	----	1,560
3	Blackfoot	4	275	759	435	----	----	599
2	Border	6	2,726	699	----	547	----	2,878
1	Bowes	51	5,936	11,596	12,685	----	----	4,847
1	Bradley	1	442	472	818	----	----	96
4	Brorson-Madison	4	1,026	2,796	----	2,568	----	1,254
5	Brorson-Red River	5	6,363	4,513	----	3,328	----	7,548
3	Brorson-Red River South	3	3,352	4,803	----	5,323	----	2,832
6	Brush Lake	6	1,422	13,549	13,453	----	----	1,518
1	Burns Creek	1	511	982	----	835	----	658
2	Cabin Creek	84	----	185,742	185,742	----	----	----
1	Canal	1	1,023	4,825	----	5,031	----	817
9	Cat Creek	39	2,154	11,280	11,009	----	----	2,425
1	Chelsea Creek	1	101	184	----	----	----	285
1	Clark's Fork	1	130	86	----	157	----	59
1	Clark's Fork South	1	94	809	----	748	----	155
1	Conrad South	4	----	854	854	----	----	----
2	Cow Creek	2	191	657	----	529	----	319
4	Cow Creek East	5	1,137	14,942	----	15,635	----	444
1	Culbertson	1	218	678	----	623	----	273
4	Cupton	7	3,812	6,448	3,944	2,371	----	3,945
124	Cut Bank	844	58,532	274,822	247,649	28,024	56	57,625
----	Dean Dome	----	65	----	----	----	----	65
1	Deer Creek	1	352	1,028	920	----	----	460
1	Delphia	1	112	501	----	343	----	270
1	Devil's Basin	1	676	218	----	205	----	689
2	Dwyer	10	4,675	7,645	7,426	----	----	4,894
3	Elk Basin	50	676	110,498	110,535	----	----	639
3	Elk Basin Northwest	6	1,802	2,080	2,368	----	----	1,514
4	Fairview	8	8,366	28,406	11,862	16,480	----	8,430
2	Fertile Prairie	2	415	1,608	----	987	----	1,036
5	Flat Coulee	21	2,317	11,045	10,151	----	----	3,211
36	Flat Lake	52	3,900	54,444	54,466	----	----	3,878
6	Flat Lake South	6	1,072	7,524	7,848	----	----	748
----	Four Buttes	----	290	----	----	----	----	290
1	Ft. Gilbert	2	340	7,829	7,639	----	----	530
1	Frannie	----	----	660	660	----	----	----
10	Fred & George Creek	28	3,517	44,255	43,823	----	----	3,949
1	Froid South	1	434	772	----	813	----	393
1	Gage	1	119	131	----	177	----	73
3	Gas City	16	7,134	20,910	18,584	3,611	----	5,849
1	Girard	1	1,161	240	----	383	----	1,018
11	Glendive	14	1,834	22,576	22,354	----	----	2,056
10	Goose Lake	28	3,806	24,803	24,729	----	----	3,880
12	Graben Coulee	31	10,707	14,153	10,717	3,126	488	10,529
2	Gypsy Basin	2	----	967	----	967	----	----
1	Hay Creek-Mission Canyon	1	120	224	294	----	----	50
1	Hay Creek-Red River	1	418	2,656	2,483	----	----	591
4	Hiawatha	4	2,344	5,644	5,706	----	----	2,282
1	Hibbard	1	440	165	----	191	----	414
----	Injun Creek	----	266	----	----	----	----	266
4	Ivanhoe	10	1,394	2,576	2,202	----	----	1,768
2	Jim Coulee	17	3,549	38,130	38,246	----	----	3,433
10	Key Coulee	21	5,769	11,196	11,327	----	78	5,560
2	Keg Coulee North	2	694	2,565	2,160	----	----	1,099
1	Kelley	3	1,237	3,642	4,028	----	----	851
81	Kevin Sunburst	463	14,756	25,914	28,140	1,164	----	11,366
8	Laird Creek	10	651	2,202	----	2,123	----	730
1	Landslide Butte	2	578	328	----	----	----	906
3	Leary	3	1,729	2,063	----	1,929	19	1,844
1	Little Beaver	23	----	40,584	40,584	----	----	----
2	Little Beaver East*	9	1,300	12,929	12,161	----	----	2,068
6	Little Wall Creek	6	2,679	31,520	31,171	----	----	3,028
1	Lodge Grass	1	214	966	----	253	----	927
7	Lonetree Creek	6	4,127	11,533	----	10,373	----	5,287
3	Lookout Butte (Coral Creek)	30	316	54,433	54,535	----	----	214
2	Mason Lake	2	157	503	363	----	----	297
2	Melstone	4	580	1,462	1,286	----	----	756
1	Mineral Bench	1	925	368	840	----	----	453
1	Miners Coulee	1	----	253	----	253	----	----
7	Monarch	13	2,360	11,255	8,670	2,756	----	2,189
2	Mosser	2	----	373	----	373	----	----
1	Nohly	1	456	8,236	----	7,708	----	984
2	Otis Creek	2	1,581	1,058	----	1,484	----	1,155
6	Outlook	8	5,862	23,700	23,246	----	----	6,316
----	Outlook South	----	306	----	----	----	----	306
2	Outlook West	2	691	867	745	----	----	813
1	Pennel-Lookout Butte	109	----	195,798	195,798	----	----	----
4	Pine	112	17,678	239,095	239,741	----	----	17,032
61	Pondera	260	4,343	22,663	23,292	----	----	3,714
1	Pondera Coulee	1	----	165	165	----	----	----
5	Poplar	63	9,212	39,345	40,317	----	----	8,240
2	Poplar Northwest	2	1,983	1,209	1,480	----	----	1,712
----	Prairie Elk	----	474	----	----	----	----	474
1	Pritchard Creek	5	167	1,012	1,012	----	----	167
1	Putnam	2	242	5,101	----	4,053	----	1,290
3	Rabbit Hills	3	2,509	6,269	----	6,936	----	1,842
8	Ragged Point	17	7,364	12,063	13,286	----	----	6,141
2	Rattlesnake Coulee	2	731	321	----	612	----	440
4	Raymond	4	3,020	40,169	39,422	----	----	3,767
3	Reagan	43	956	13,945	13,932	----	----	969
1	Red Creek	19	----	11,805	11,805	----	----	----
1	Red Fox	1	166	609	437	----	----	338
1	Redstone	1	345	1,328	1,439	----	----	234
1	Repeat	1	200	2,556	----	2,256	----	500
4	Reserve	4	716	2,301	1,877	----	----	1,140
1	Richey	1	180	465	427	----	----	218
1	Richey Southwest	5	858	994	----	1,234	----	618
1	Riprap Coulee	1	327	1,103	1,075	----	----	355
1	Rush Mountain	1	241	1,818	1,759	----	----	300
2	Salt Lake	3	752	3,318	----	3,547	----	523
3	Sand Creek	3	1,152	1,535	1,507	----	----	1,180
2	Second Creek	2	632	8,500	----	8,436	----	696
3	Sioux Pass	4	2,863	33,953	34,192	----	----	2,624
1	Snyder	3	627	724	----	1,029	----	322
8	Soap Creek	19	3,133	4,308	----	4,577	----	2,864
1	Spring Lake	1	393	327	----	311	----	409
3	Stensvad	8	2,581	26,656	24,574	----	----	4,663
19	Sumatra	89	22,607	115,029	112,050	----	175	25,411
5	Tule Creek	5	3,379	17,857	----	16,225	----	5,011
2	Tule Creek East	2	869	3,053	----	2,577	----	1,345
3	Tule Creek South	3	937	1,900	----	1,836	----	1,001
2	Vida	2	334	700	----	587	----	447
4	Volt	6	1,838	13,465	----	12,553	----	2,750
3	Weldon	3	1,016	4,545	4,236	----	----	1,325
1	West Butte	1	----	1,049	----	1,049	----	----
16	Whitlash	42	7,519	10,221	9,772	----	----	7,968
----	Whitlash West	----	284	----	----	----	----	284
2	Willow Creek North	2	261	1,214	1,254	----	----	221
2	Wills Creek South	2	----	2,288	2,288	----	----	----
4	Winnett Junction	4	1,317	7,093	----	6,922	----	1,488
2	Wolf Springs	2	1,410	1,499	----	1,534	----	1,375
2	Woodrow	2	308	1,918	1,665	----	----	561
3	Wright Creek	5	1,979	1,683	788	----	----	2,874
----	Wildcat, Blaine Co.	----	157	----	----	----	----	157
----	Wildcat McCone Co.	----	87	----	----	----	----	87
2	Wildcat, Mussellshell	2	3,033	3,520	----	5,792	----	761
1	Wildcat, Toole Co.	----	294	----	----	----	----	294
703	TOTAL	3,136	343,604	2,838,919	2,612,735	221,257	843	347,688

Total Oil Produced and Shipped from Leases	Bbls. Produced	Daily Average	Bbls. Shipped	Daily Average
Year, 1974	34,620,182	94,850	34,617,999	94,844
First Quarter, 1974	8,601,572	95,573	8,580,737	95,342
May, 1974	3,009,381	97,077	2,985,794	96,316
June, 1974	2,838,919	94,631	2,833,992	94,466

Oil in Storage	In Producers Field Tanks	In Transporters Storage	In Refiners Storage**	Total Oil in Storage**
May, 1974	343,604	1,472,087	1,250,362	3,066,053
June, 1974	347,688	1,287,735	1,350,781	2,986,204

*Montana Oil Only **Includes Wyoming Oil

TRANSPORTERS REPORT — MONTH OF JUNE, 1974

	Storage First of Month	Oil Received By			Loss or Gain	Oil Shipped To			Storage End of Month
		Pipeline	Truck	Connecting Carrier		Montana	Other States	Connecting Carrier	
ASH CREEK—Western Crude Oil Co.			778				778		
BAINVILLE—Koch Oil Company			2,465				2,465		
BEAR'S DEN—Truck			817				817		
BELL CREEK—Pipeline	38,988	749,628					464,804	284,815	38,997
BIG WALL—Continental Pipeline Co.		3,478				3,778			
BLACKFOOT—Phillips Petroleum Co.		435						435	
BORDER—Permian Corp.			547					547	
BOWES—Texaco		12,685				12,685			
BRORSON-MADISON, BRORSON-RED RIVER AND BRORSON-RED RIVER SOUTH—Koch Oil Co.			11,219					11,219	
BRUSH LAKE—Portal Pipeline Co.		13,450					13,450		
BURNS CREEK—Western Crude Oil, Inc.			835				835		
CABIN CREEK & OTHERS[1]									
Butte Pipeline Co.	260,227	445,955	42,076	1,564,621			2,053,256		259,623
Shell Pipeline Co.	3,325	52,866			124			53,208	2,859
	263,552	498,821	42,076	1,564,621	124		2,053,256	53,208	262,482
CANAL—Koch Oil Co.			5,031				5,031		
CAT CREEK—Continental Pipeline Co.		11,110				11,110			
CLARK'S FORK AND CLARK'S FORK SOUTH—Permian Corp.			905				905		
COW CREEK AND COW CREEK EAST—Western Crude Oil, Inc.			16,164				16,164		
CUT BANK—									
Continental Pipeline Co.		517,864	8,206					526,070	
Phillips Petroleum Co.	72,297	93,289		61,019	299	168,013			58,293
Texas Pipeline Co.	17,961	35,522		64,999	728	99,617			18,137
Union Oil Co.	86,331	41,643			675	66,339			60,960
Western Oil Trans. Co.		30,240				30,240			
Western Oil Trans. Co. (Moulton)		19,672				19,672			
	176,589	738,230	8,206	126,018	1,702	383,881		5,260,070	137,390
DWYER—Portal Pipeline Co.		7,426					7,426		
DELPHIA—Truck			343			343			
ELK BASIN & ELK BASIN NORTH-WEST—Marathon Pipeline Co.		112,904				112,904			
FAIRVIEW—									
Fairview Pipeline Co.		11,862					11,862		
Koch Oil Co.			16,480				16,480		
		11,862	16,480				28,342		
FLAT COULEE—Phillips Petroleum Co.		10,151				10,151			
FLAT LAKE AND FLAT LAKE SOUTH—Portal Pipeline Co.		56,282					56,282		
FT. GILBERT—Fairview Pipeline Co.		7,639					7,639		
FRANNIE—Interstate Pipeline Co.		660					660		
FRED AND GEORGE CREEK—Phillips Petroleum Co.	16,185	45,308			1,041	41,004			19,448
GAGE—Truck			177			177			
GIRARD—Koch Oil Co.			383				383		
GLENDIVE, DEER CREEK, WOOD-ROW AND SAND CREEK—Texas Pipeline Co.	8,709	20,864			336			18,327	10,910
GOOSE LAKE—Portal Pipeline Co.		22,556					22,556		
HAY CREEK—Fairview Pipeline Co.		2,777					2,777		
HIAWATHA—Continental Pipeline Co.		5,510					5,510		
IVANHOE—Continental Pipeline Co.		2,202				2,202			
JIM COULEE—Continental Pipeline Co.		38,245						38,245	
KEG COULEE AND KEG COULEE NORTH—Continental Pipeline Co.		13,486				13,486			
KELLEY—Continental Pipeline Co.		4,028				4,028			
KEVIN SUNBURST—									
Big West Oil Co.	5,876	12,641				11,312			7,205
Homestake Oil & Gas Co.	2,134	1,712				2,464			1,382
Texas Pipeline Co.	14,258	8,796		1,448	266	12,248			11,988
Northern Montana Oil Service	248	17,622		22,115		39,842			143
	22,516	40,771		23,563	266	65,866			20,718
LEARY—Permian Corp.			1,929				1,929		
LODGE GRASS—Permian Corp.			253			253			
LONE TREE CREEK—Koch Oil Co.			10,373					10,373	
MASON LAKE—Continental Pipeline Co.		363				363			
MELSTONE—Continental Pipeline Co.		1,667				1,667			
MIDDLE WALL—Continental Pipeline Co.[2]		28,184						28,184	
MOSSER—Permian Corp.			373				373		
NOHLY—Koch Oil Co.			7,708				7,708		
OTIS CREEK—Western Crude Oil, Inc.			1,484				1,484		
OUTLOOK, OUTLOOK SOUTH AND OUTLOOK WEST—Portal Pipeline Co.		23,991						23,991	
PONDERA—Phillips Petroleum Co.	38,673	26,611			46	25,965			39,273
POPLAR, RED FOX, REDSTONE—East Poplar Gathering System	25,051	51,204			(126)			68,565[3]	7,816
PUTNAM—Western Crude Oil, Inc.			4,053				4,053		
RABBIT HILLS—Koch Oil Co.			6,936				6,936		
RAGGED POINT—Continental Pipeline Co.		8,726		4,560		13,286			
RAYMOND—Portal Pipeline Co.		32,061					32,061		
RED CREEK—Western Oil Transportation Co.		11,805						11,805	
RESERVE—Portal Pipeline Co.		1,697					1,697		
RIPRAP COULEE—Portal Pipeline Co.		1,075						1,075	
RUSH MOUNTAIN—Sinclair Ref. Co.		1,759					1,759		
SALT LAKE—Koch Oil Co.			3,547				3,547		
SECOND CREEK—Koch Oil Co.			8,436				8,436		
SNYDER—Permian Corp.			1,029			1,029			
SOAP CREEK—Permian Corp.			4,577				4,577		
SPRING LAKE—Koch Oil Co.			311				311		
SUMATRA AND STENSVAD—Continental Pipeline Co.	876,979	133,326		2,244,476	164	127,760		2,379,423	747,434
TULE CREEK, BENRUD, VOLT & OTHERS[4]—Tesoro Petroleum, Permiam Corp.	4,845		47,738	2,365		51,681			3,267
			1,836			1,836			
	4,845		49,574	2,365		53,517			3,267
WHITLASH AND WHITLASH WEST—Phillips Petroleum Co.		10,225				10,225			
WINNETT JCT.—Truck			6,922			6,922			
WOLF SPRINGS—Permian Corp.			1,534			1,534			
WILDCAT WELLS—Truck			5,792					5,792	
TOTAL	1,472,087	2,763,502	221,257	3,965,603	3,553	904,136	2,764,951	3,462,074	1,287,735

[1]Cabin Creek, Cupton, Fertile Prairie, Gas City, Monarch, Repeat, Weldon and Wills Creek South.
[2]Little Wall Creek and Willow Creek North.
[3]Transferred to Butte Pipeline Co.
[4]Benrud, Benrud East, Benrud Northeast, Culbertson, Froid, Four Buttes, Tule Creek, Tule Creek East, Richey Southwest and Volt.

BARRELS OF CRUDE OIL REFINED IN MONTANA
MONTH OF JUNE, 1974

	Big West Oil Co.	Continental Oil Co.	Diamond Asphalt Co.	Exxon Co.	Farmers Union	Phillips Petroleum Co.	Tesoro Petr. Co.	Westco Refining Co.	Total
Big Wall		3,778							3,778
Cat Creek		2,025			8,884				10,909
Cut Bank	16,565					158,571		130,253	305,389
Elk Basin		44,780		33,926	34,197				112,903
Flat Coulee								10,150	10,150
Fred & George Creek	41,004								41,004
Ivanhoe		2,202							2,202
Keg Coulee		8,724		2,233	2,530				13,487
Kelley				4,028					4,028
Kevin Sunburst	65,866								65,866
Lodge Grass		253							253
Mason Lake		363							363
Melstone					1,667				1,667
Pondera						25,114			25,114
Ragged Point		13,286							13,286
Richey, Southwest							1,821		1,821
Snyder		1,029							1,029
Sumatra & Stensvad		30,643		8,312	72,543				111,498
Tule Creek & Others							37,560		37,560
Whitlash						9,000			9,000
Winnett Jct.					6,922				6,922
Wolf Springs				1,534					1,534
Volt							12,336		12,336
TOTAL Montana Oil	123,435	107,083		50,033	126,743	192,685	51,717	140,403	792,099
Canadian Oil Imported		563,469		427,651	392,817		2,365		1,386,302
Wyoming Oil Imported		715,424		962,817	395,793				2,074,034
TOTAL Montana, Canadian & Wyoming Oil	123,435	1,385,976		1,440,501	915,353	192,685	54,082	140,403	4,252,435

AVERAGE BARRELS PER DAY

	Montana	Canada	Wyoming	Total
Year 1973	26,563	43,474	69,599	139,140
June, 1973	25,456	36,646	74,225	136,327
June, 1974	26,403	46,210	69,134	141,747

PERCENTAGE OF CRUDE OIL REFINED

	Montana	Canada	Wyoming
Year 1973	19.20%	31.13%	49.85%
June, 1973	18.67%	26.88%	54.45%
June, 1974	18.63%	32.60%	48.77%